# Mountain Weather Forecast

## Lake District National Park

Forecast valid from 00:00 on Thursday 06 Oct 2022 until 23:59 on Friday 07 Oct 2022

Forecast Issued on Wednesday 05 Oct 2022 at 13:33

**Confidence:** High for showery conditions until Friday, also for an improving Saturday. However lower confidence in the details of worst of the conditions in the showers, also for the return to unsettled weather later Sunday.

**Headline for Thursday 06 Oct 2022:** Turning rather cloudy with occasional showers. Summit gales.

**Mountain weather hazards on Thursday 06 Oct 2022**

**Blizzards**
No Likelihood

**Gales**
Medium Likelihood

**Thunderstorms**
Low Likelihood

**Heavy persistent snow**
No Likelihood

**Severe chill effect**
No Likelihood

**Heavy persistent rain**
No Likelihood

**Storm force winds**
No Likelihood

**Poor visibility**
Medium Likelihood

**Strong sunlight**
No Likelihood

**Weather and chance of precipitation at 800m**

| Time | | | | | | | |
|---|---|---|---|---|---|---|---|
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| Partly cloudy (night) | Partly cloudy (night) | Light rain showers (night) | Sunny intervals | Sunny intervals | Heavy rain showers | Light rain showers (night) | Light rain showers (night) |
| Precipitation probability | | | | | | | |
| <05% | 20% | 30% | 20% | 20% | 40% | 40% | 30% |

**Forecast for Thursday 06 Oct 2022**

**Weather:** Clear then brighter spells mixed with a few isolated light showers overnight and early Thursday morning. Cloud increasing from late morning as showers turn more frequent for the afternoon, perhaps becoming heavy, bringing a small chance of thunderstorms. Showers dwindling during the evening.

**Chance of cloud-free hill tops above 800m:** Initially 60% in west and 80% in east, becoming for noon 25% in west, 40% in east.

**Low cloud and visibility:** Good or very good, becoming moderate or poor sporadically in showers, very poor within cloud as bases lower 500m as showers push through, more generally so through the afternoon.

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# Met Office Mountain Weather Forecast

**Forecast for Thursday 06 Oct 2022**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 34/44 W | 41/52 SW | 43/55 SW | 39/51 SW | 36/49 SW | 37/50 SW | 40/55 SW | 41/56 SW | 40/55 SW |
| **600** | 27/38 W | 33/46 SW | 35/50 SW | 33/47 SW | 32/46 SW | 32/46 SW | 34/50 SW | 35/52 SW | 34/50 SW |
| **300** | 11/31 W | 13/36 SW | 16/40 SW | 16/39 SW | 16/38 SW | 15/37 SW | 16/40 SW | 18/42 SW | 17/41 SW |
| **Valley** | 13/31 W | 15/35 SW | 18/39 SW | 18/36 SW | 18/36 SW | 17/34 SW | 18/38 SW | 20/40 SW | 20/40 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 4/-3 | 4/-3 | 6/-1 | 6/0 | 7/2 | 8/2 | 8/2 | 8/2 | 7/1 |
| **600** | 6/1 | 7/1 | 8/2 | 8/3 | 9/5 | 10/5 | 10/5 | 10/5 | 9/4 |
| **300** | 9/6 | 9/6 | 10/7 | 11/8 | 12/9 | 12/9 | 12/9 | 12/9 | 11/8 |
| **Valley** | 12/9 | 12/9 | 13/10 | 14/10 | 14/11 | 14/12 | 15/12 | 14/11 | 14/10 |
| **Freezing Level*** | 1400m | 1700m | 1700m | 1700m | 1700m | 2200m | 2200m | 2000m | 1900m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Nothing to add.

**Forecast for Friday 07 Oct 2022**

**Weather:** Showers merging to longer periods of occasionally heavy rain overnight and early Friday morning, bringing a risk of thunderstorms. This clears to the southeast late morning with a mix of brighter spells and showers following, these heaviest across western most ranges where the risk of thunderstorms continues.

**Maximum wind:** Southwest mean at first 35-40 mph with gusts reaching 55 mph across most exposed ridges and summits, before gradually easing through the day.

**Chance of cloud-free hill tops above 800m:** Becoming overnight generally 10-20%, before improving from late morning 60% in north and 80% in east for any given time, but much lower for extended periods given the showery nature of the flow.

**Low cloud and visibility:** Good or very good becoming moderate or poor in early rain and later showers, also very poor within cloud with bases extensive from 500m at first, also sporadically so as showers push through.

**Temperature:** **Valleys:** Plus 10 Celsius increasing 18 Celsius during the afternoon
**At 800m:** Plus 7 Celsius
**Freezing level:** Above all summits

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# Mountain Weather Forecast

**Ground Conditions Supplement**
No recent ground conditions report available.

Issued at: 1333 on Wed 05 Oct 2022

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